User's Guide ver. 1.1EN

Various useful files, such as COWON MediaCenter – JetAudio software and user's guide are included on the device.
Please back these files up to your PC for future reference before using the device.

iAUDIO 9

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+ COPYRIGHT NOTICE

Thank you for purchasing a COWON product.

We do our utmost to deliver DIGITAL PRIDE to our customers.
This manual contains information on how to use the product and the precautions to take during use.
If you familiarize yourself with this manual, you will have a more enjoyable digital experience.

Introduction to website

+ The address of the product-related website is http://www.COWON.com.
+ You can download the latest information on our products and the most recent firmware updates from our website.
+ For first-time users, we provide an FAQ section and a user guide.
+ Become a member of the website by using the serial number on the back of the product to register the product.
  You will then be a registered member.
+ Once you become a registered member, you can use the one-to-one enquiry service to receive online customer advice.
  You can also receive information on new products and events by e-mail.

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+ COPYRIGHT NOTICE

General

+ COWON is a registered trademark of COWON SYSTEMS, INC.
+ COWON SYSTEMS, INC. owns the copyright to this manual, and any unauthorized distribution of its contents, whether in part or in its entirety, is strictly prohibited.
+ COWON SYSTEMS, INC. complies with laws and regulations related to records, disks, videos and games. Users are also encouraged to comply with the relevant laws and regulations.
+ As soon as you purchase the product, visit the website (http://www.COWON.com), and become a registered member. You will benefit from various member services.
+ This manual is based on product specifications, and various exemplary texts, illustrations, pictures, detailed functions and H/W and S/W specifications contained herein can be altered without any prior notice by the copyright owner.

BBE information

+ BBE Sound, Inc. owns the license to the BBE name and information as applied to this product, in compliance with USP4638258, 5510752 and 5736897.
+ BBE and the BBE symbol are registered trademarks of BBE Sound, Inc.

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DIGITAL PRIDE.

COWON

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+ Precautions

As these precautions are provided for the correct use of the product as well as user safety, be sure to familiarize yourself with them. The company will not be held responsible for any accident that may occur due to the failure to heed these precautions. The following information applies commonly to all products manufactured and produced by COWON SYSTEMS, INC.

+ Do not use this product for other purposes than those described in this manual.
+ Handle manual, product package materials, accessories, etc with care to prevent cuts and injuries to your body.
+ Do not view videos, pictures and texts stored in your player while driving a vehicle for your safety. Operating other features of the player is also dangerous and may cause fatal accidents while driving.
+ The wearing of earphones while operating a vehicle, exercising, or walking may impair driving, mask or prevent recognition of emergency signals, alarms, announcements, the approach of vehicles and human speech. Doing so may also be unlawful depending on the region.
+ Do not use detergent or other chemicals on the product surface as it may cause fading. In this case, wipe the polluted area carefully with a soft cloth.
+ Do not expose the player in either cold weather of under 0 or hot temperature over 40 such as inside automobiles. This may cause fatal damages to your player.
+ Do not expose the player to water or keep it in a damp or humid location for an extended period of time. If the player is damaged from moisture as described above, product failure is then classified as a user's misuse.
+ Take extra care not to apply external shock or pressure when using products with displays(LCD, AMOLED, or Touch Pad). Warranty may be voided if damage occurs due the aforementioned circumstances.

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+ Precautions

+ Do not attempt to disassemble the player. Disassembly will void the warranty and the unit will be permanently disqualified from any warranty services.
+ Do not mix directions when connecting cables to your player or PC. Connecting cables incorrectly may damage your player or PC. Also, do not bend or press connection cables with heavy objects.
+ If you smell something burning or feel excessive heat while using the product, press the RESET button to stop operation and contact the place of purchase.
+ Touching the player with wet hands may cause damages and malfunctions. Handle the power plug only with dry hands (otherwise an electric shock may occur).
+ Listening at high volume(85 dB and above) for an extended period of time may harm your hearing.
+ For your protection, use the player in a well lit area where LCD screen will not overly strain your eyes.
+ Using the player in places with high occurrences of static electricity may cause malfunctions.
+ In case of using this device primarily for a storage device, it is recommended to back up all data before use. COWON SYSTEMS Inc. is not responsible for any data loss due to hardware failure.
+ All data stored in the player may become deleted when being serviced. Our Service Center does not back up files while repairing players. Please note that COWON SYSTEMS, Inc. is not responsible for any data loss from products entrusted to us for service.
+ Keep the player in cool and ventilated places, away from direct sunlight as it may cause deformation and damages to internal circuitry or LCD screen.
+ For your own safety, it is recommended that customers use the USB power adaptor and USB cable approved by COWON SYSTEMS, Inc.

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+ Precautions

+ If you are using a product that comes with an AC power adaptor, please use the genuine charger offered by COWON.
+ When connecting to a PC, use only USB ports on the mother board or a USB Host card. Using an external USB hub may not guarantee proper operation(e.g. USB ports on a keyboard or an external USB hub).
+ When formatting the built-in memory, select the file system specified in the manual((e.g. FAT32 / FAT16 / NTFS).
+ Be sure to disconnect the power supply to the PC and USB power adaptor during lightning or thunder storm, to prevent danger to the user or the risk of fire hazards.
+ Keep the player away from magnets and direct magnetic fields, as they can cause malfunctions.
+ Do not drop or expose the product to hard impact. This may result in malfunctions and/or unit failure, voiding the warranty.
+ If you find any abnormalities with the battery such as swelling, press the RESET button immediately to stop the operation and contact the place of purchase.
+ The price of the product may fluctuate due to unexpected commercial conditions. COWON SYSTEMS, Inc. accepts no liability to compensate for any price fluctuation.
+ <For MAC OS users>
  'EJECT' procedure must be performed when removing the product from the PC.

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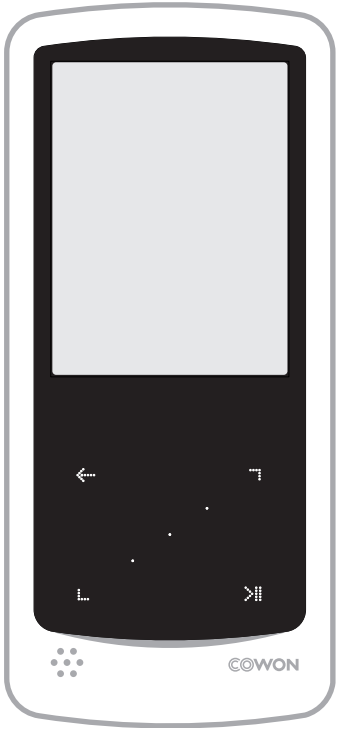
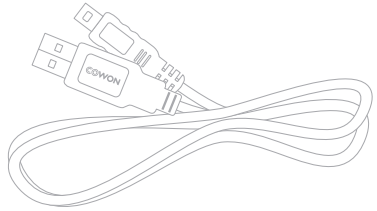
+ Package Components

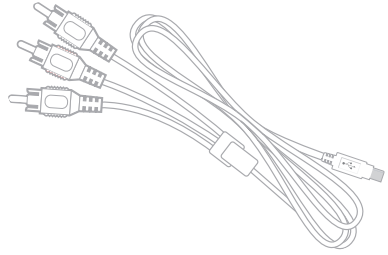


iAUDIO 9

Earphones



USB 2.0 Cable



TV-Out Cable(sold separately)

Manual CD, Quick Guide

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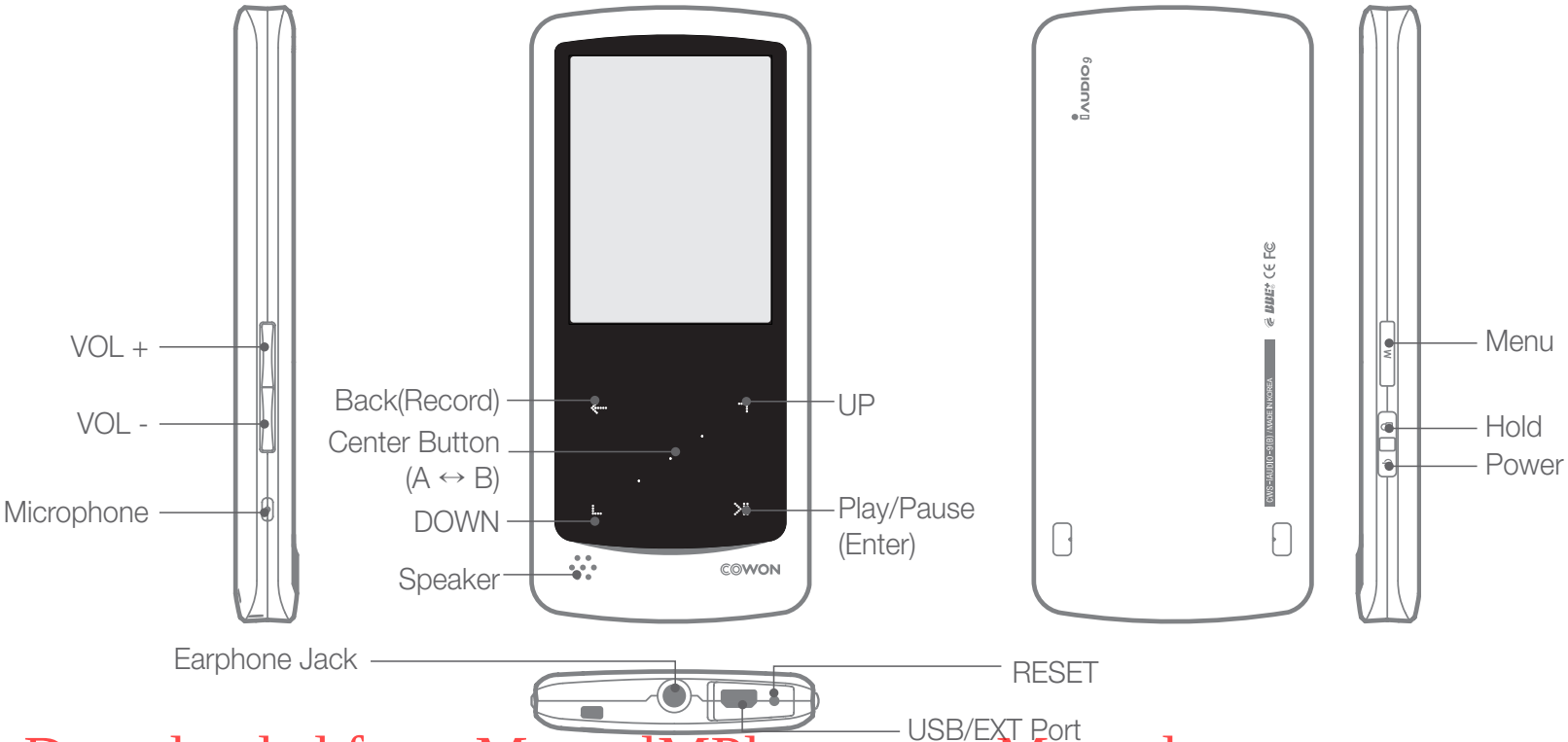
+ Names of Parts and Functions



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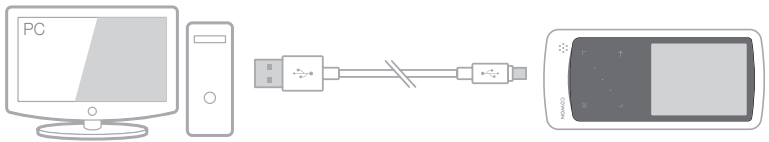
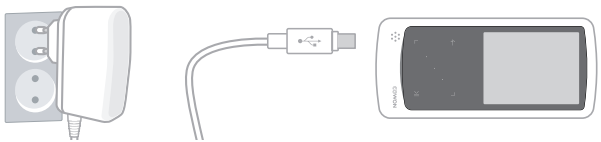
+ Charging

To charge the iAUDIO 9 the player should be connected to either a PC or a charger using the supplied USB cable.



1. Connect between PC and USB/EXT port using the USB cable:
   The battery will be fully charged in about 2 hours.

- iAUDIO 9 will be charged quicker through AC adaptor if the product is turned off. Display will remain blank in this case.
- When charging the player for the first time or the player has not been charged for an extended time, fully charge the battery before use.
- iAUDIO 9 has a built-in Lithium Polymer battery. To prolong the life of the battery, it is recommended that you charge the device frequently, as opposed to fully discharging and then charging the device.
- When connected to a USB hub, the player may not charge properly. Please try connecting the player directly to a USB port on the PC.
- For safety during charging, use USB cable approved by COWON SYSTEMS, Inc.



2. Charging by COWON approved AC adapter :
   The battery will be fully charged in about 2 hours.

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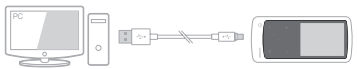
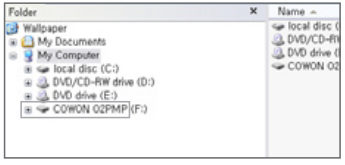
+ Connecting and Disconnecting the PC

1

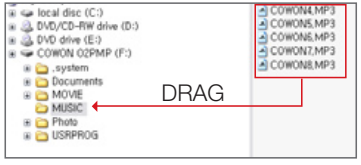


2

3



4



1. Use the USB cable to connect iAUDIO 9 to the PC.
2. iAUDIO 9 displays the following image if properly connected to the PC
3. Also make sure to check My Computer or Windows Explorer to see if iAUDIO 9 is properly connected to the PC.
4. Copy desired video, music, or other files to iAUDIO 9.
5. When done, click the icon on the system tray to safely remove iAUDIO 9 from the PC.

6. Click the popup message.

7. Safely remove the hardware and disconnect the USB cable.

- The player can recognize up to 12,000 folders, and up to 12,000 files (music file: 8,000 + others: 4,000).
- Disconnect the product after performing "Safely remove hardware" function.
- The following message may appear randomly, but it does not indicate that the product is malfunctioning. Please try again.

An error occurred when removing USB mass storage device.
Cannot stop "Generic Volume" device now. Please try to stop the device again later.
OK

- If your operating system does not display the 'Safe To Remove Hardware' window, disconnect the player after all transfer operations are completed.
- Only simple file transfer operation is available for Linux and Mac OS.

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+ Firmware Upgrade

Firmware is software that is embedded within the hardware.
Upgrading it can enhance system stability and provide additional features.
Please be advised that Beta (unofficial) firmware versions may cause system malfunction.

- Fully charge the player before upgrading the firmware.
- Do not turn the player off before the firmware update has been completed. It may damage the product, and will void any warranty.
- Back up any important data before the firmware upgrade as any data stored on the device may be deleted during the process. COWON accepts no liability for any loss of data.

+ How to upgrade the firmware

1. Download the latest firmware from the SUPPORT section of the website (http://www.COWON.com).
2. Use the USB cable to connect iAUDIO 9 to the PC.
3. Unzip the downloaded firmware and copy it to the root folder of iAUDIO 9.
4. Perform “Safely remove the hardware” function on your PC and disconnect the USB cable.
5. When you turn on the product, the firmware upgrade process will start.
6. Successful firmware upgrade can be confirmed by turning on the product, the version of firmware will be shown at start up.
7. The current firmware version can be checked in Settings - System - Information.

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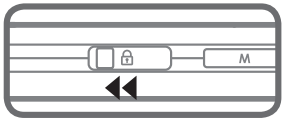
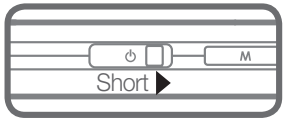
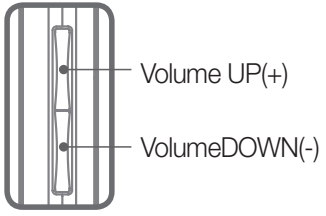
+ Buttons

1 

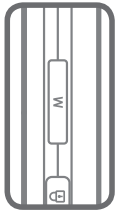
1. Long – Power on/off
   Short - Display on/off

2 

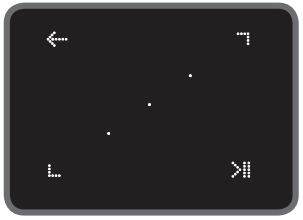
2. Short – Hold on

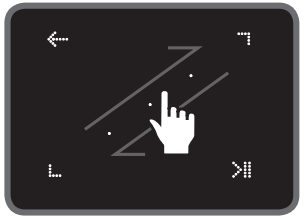
3 

3. Volume up/down
   Control the volume. File selection is also possible depending on hold settings (Settings – System – Hold Mode).

4 

4. Display main menu.

5 

6 

5. Touch Pad
   - Return to previous or upper menu.
   - Movement : down or left
     Action : previous or rewind(Video mode : fast forward)
   - Movement : up or right
     Action : next or fast forward(Video mode : rewind)
   - Short : perform selected menu or file.
     Long : display pop-up menu for additional functions.
   - Center button : Perform sectional repeat or picture zoom.

6. Touch scroll
   Touch and drag for faster scroll in menu, list, or files.

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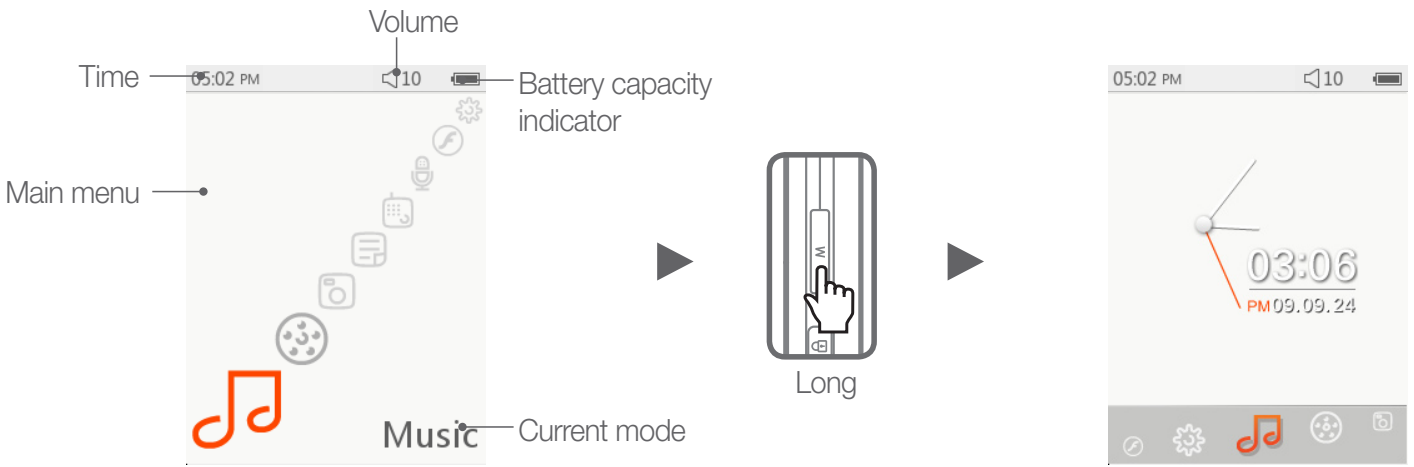
+ Display



To switch to clock theme, press and hold M button from main menu screen.

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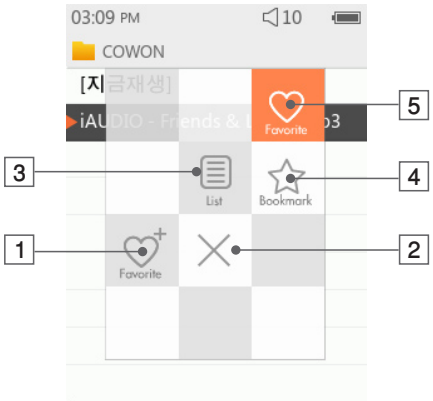
+ Browser

■ Select the desired mode from main menu screen, and tap ⇐ to display browser screen of the selected mode.
Tap and hold ⏯ to show pop-up for additional functions.



1	Add the selected file to Favorites. * File added can be checked from the Favorites list, and the same file can be added repeatedly.
2	Delete the actual file or bookmark list. * Deleting bookmark list does not delete the actual file. Actual files can only be deleted in [Folder] mode. * If file is deleted in [Folder] mode, it will be completed erased and cannot be recovered.
3	Display file list. All playable files and tag will be listed.
4	Move to a screen that lists bookmarked files. List of bookmarked files will be displayed in each browser mode. Select the desired file and tap ⏯ to play bookmarked section.
5	Display Favorites. Select the desired file and tap ⏯ to play the file. * Up to 256 files can be saved as Favorites.

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+ Browser

■ Description of each mode from the list of Browser Mode

[NowPlaying]	Currently playing files are displayed. Change to the screen of currently playing file. This menu will only be displayed during Music or Video mode.
[Folders]	All multimedia files are displayed by folders. Save each multimedia file in categorized folders for more convenient use.
[Artists]*	All music files are displayed by artists.
[Albums]*	All music files are listed by albums.
[Songs]*	All music files saved in iAUDIO 9 are displayed.
[Genres]*	All music files are listed by genres.
[Years]*	All music files are listed by release years.
[New Music]	Newly added music files are listed.
[Playlists]	Playlists created from Windows Media Player 10/11 and synchronized with iAUDIO 9 are listed.
[Audible]	Audible contents are displayed. Please refer to http://www.Audible.com for more information.
[Recordings]	All recorded files by iAUDIO 9 are listed by record method. - FM Radio: Files recorded during Radio mode, or by scheduled radio recording. - Mic: Files recorded by built-in microphone.

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+ Browser

[Video]	All video files are listed.
[Pictures]	All image files are listed.
[Documents]	All text files are listed.
[Flash]	All flash files are listed.

* The files will be listed in accordance with the information saved in ID3 tags of music files.

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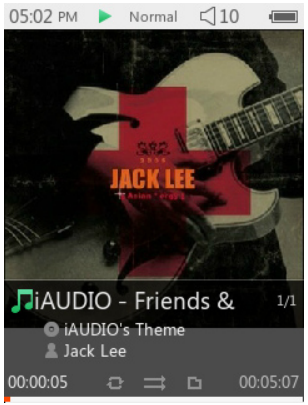
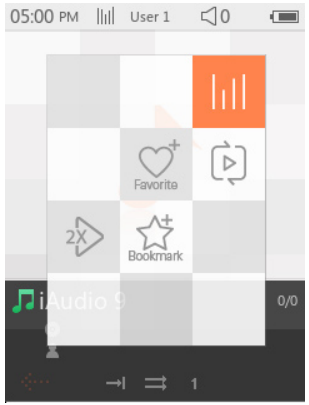
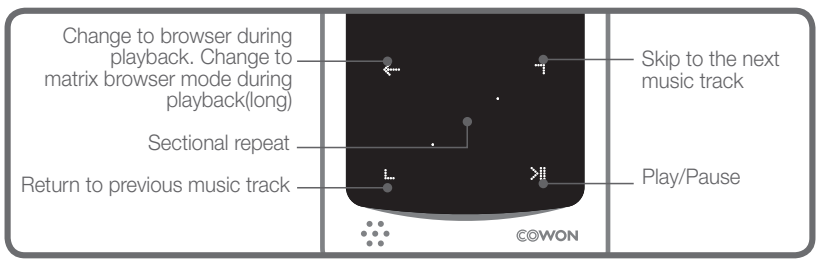
+ Music Mode






Change to browser during playback. Change to matrix browser mode during playback(long)
Sectional repeat
Return to previous music track
Skip to the next music track
Play/Pause
COWON

1. After powering on iAUDIO 9, select Music mode.
2. The device will be ready to play if audio files exist in the memory.
3. Tap ⏯ to play audio files.
   - iAUDIO 9 supports Album Art 2.0 feature which supports multiple album art per one audio file.
   - Maximum 6 album art per one audio file can be rotated.
   - Multiple album art can be conveniently saved by using COWON MediaCenter – JetAudio 7.5 or above.
4. Tap ⏯ to pause the playback.
5. Briefly tap ⌞, ⌝ to skip by the length designated by [Settings] – [Music].
6. Tap and hold ⌞, ⌝ to rewind/fast forward.
   Rewind/fast forward rate can be designated at [Settings] – [Music] – [Seek interval].
7. Tap and hold ← during music playback to change to matrix browser mode.
8. Briefly tap ← to display file list. ⌞, ⌝ can be used to select different tracks or folders.

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+ Music Mode

• There are three ways to return to Music mode.

+ Select [NowPlaying] from the browser.

+ Tap and hold ⇦

+ Double-tap M on the side.

[NowPlaying] menu is always located at the top of the browser in the Music/Video mode.

9 Tap center button to set sectional repeat. Sectional repeat feature is only available during music playback.

- Setting the sectional repeat starting point

: Tap center button during music playback. <AB will appear in the bottom of the screen. Progress bar in the bottom will be marked green for the section designated.

- Setting the sectional repeat ending point

: Tap center button at the desired point of ending. <AB> will appear in the bottom of the screen, and designated section will be played repeatedly.

- Disabling the sectional repeat

: Tap center button while <AB> is displayed in the bottom of the screen. Sectional repeat will be disabled and return to normal music playback.

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+ Music Mode

※ Tap and hold ⏯ during music playback to show pop-up containing the features below.

	JetEffect menu can be set. Desired sound effect can be selected by tapping L, ⌝.		
	Playback boundary, play order, and play method can be set. Tap L, ⌝ to select, and tap ⏯ to change the settings.		
			Tracks in the designated boundary will be played only once.
			Tracks in the designated boundary will be played repeatedly.
			All music files in iAUDIO 9 will be played.
			Only currently playing music file will be played.
			Only files within the currently playing folder will be played. Sub folders will be included automatically.
			Music files will be played in normal order shown in browser.
			Music files will be played in random order.
	Selected file can be added to Favorites.		
			Adding completed.
	Selected file can be added to Bookmark.		
			Adding completed.
	Playback speed can be set.		
			Playback speed of currently playing file can be set (50%~150%). Tap L, ⌝ to change the settings.

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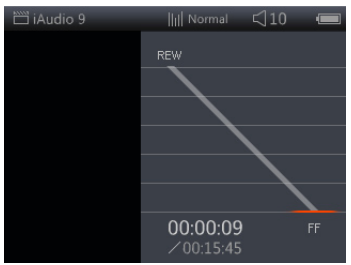
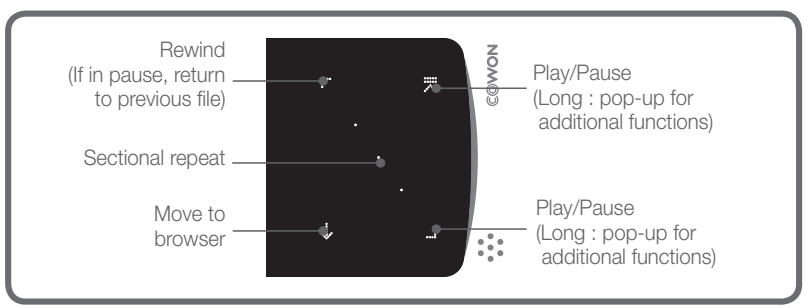
+ Video Mode





※ During Auto Seek, tapping will start auto seeking until is pressed.

1 After powering on iAUDIO 9, select Video mode.

2 The device will be ready to play if video files exist in the memory.

3 Tap to play video files.

- Only landscape mode is supported in iAUDIO 9's Video mode.

4 Tap button to pause the playback.

5 Briefly tap , to skip by the length designated by [Settings] – [Video].

6 Tap and hold , to rewind/fast forward.

7 Tap button during playback to pause the video playback and display Browser with file list. , can be used to select different tracks or folders.

- There are three ways to return to Video mode.

+ Select [NowPlaying] from the browser.

+ Tap and hold .

+ Double-tap M on the side.

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+ Video Mode

[NowPlaying] menu is always located at the top of the browser in the Music/Video mode.

8 Tap ㄴ, ㄱ while on pause to move to previous/next files.

9 Tap center button during video playback to set sectional repeat.

- Setting the sectional repeat starting point
  : Tap center button during video playback. <AB will appear in the bottom of the screen. Progress bar in the bottom will be marked green for the section designated.

- Setting the sectional repeat ending point
  : Tap center button at the desired point of ending. <AB> will appear in the bottom of the screen, and designated section will be played repeatedly.

- Disabling the sectional repeat
  : Tap center button while <AB> is displayed in the bottom of the screen. Sectional repeat will be disabled and return to normal video playback.

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+ Video Mode

※ Tap and hold ⏯ during video playback to show pop-up containing the features below.

	Selected file can be added to Bookmark.	
		Adding completed. If bookmark is added, the video file will play from the bookmarked location.
	Displays the preview thumbnails of currently playing video. Select a preview thumbnail to begin the playback at the displayed location.	
		Video file and subtitle can be synched in terms of 0.5 seconds by tapping L, ㄱ.
	Screen size of currently playing video can be changed.	
		- Auto Video size is changed to the original size. Depending on the resolution of the video file, certain parts of the screen may be displayed as black blank space (e.g. top or bottom).
		- Fit Video size is changed in accordance with the original size of horizontal or vertical side. Depending on the resolution of the video file, certain parts of the screen may be displayed as black blank space(e.g. top, bottom, or sides).
		-Full Video size is enlarged or reduced to fit the full screen. The video may display in different ratio than that of the original resolution.

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+ Video Mode

	Playback speed can be set.	
		Playback speed of currently playing file can be set (50%~150%). Tap L, R to change the settings.
	Currently playing file is set to TV-Out mode.	
		Select O to perform TV-Out mode.
	iAUDIO 9's TV-Out standard is composite. TV-Out cable is sold separately. TV-Out mode can be controlled as below. - M : Finish TV-Out mode - L, R : Change TV-Out screen size.	

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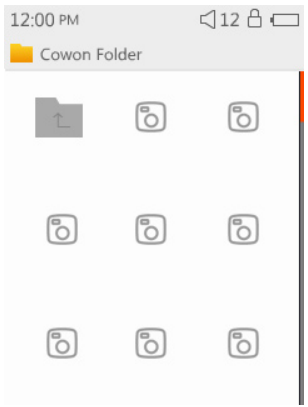
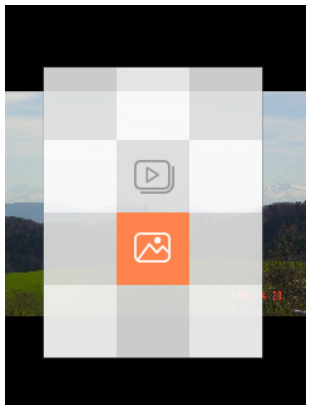
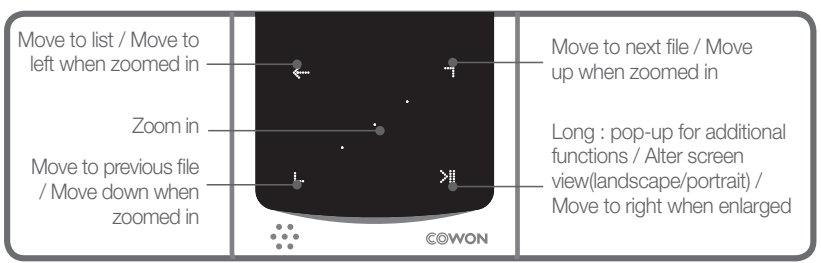
+ Pictures (Image Viewer) Mode






Move to list / Move to left when zoomed in
Zoom in
Move to previous file / Move down when zoomed in
Move to next file / Move up when zoomed in
Long : pop-up for additional functions / Alter screen view(landscape/portrait) / Move to right when enlarged
COWON

1. After powering on iAUDIO 9, select Pictures mode.
2. Tap [L], [⌝] to select desired picture and tap [⏯] button to display the image.
3. Tap [⏯] to change mode of landscape or portrait.
4. Tap [L], [⌝] while displaying the image to move to previous/ next images.
5. Tap center button while displaying images to enter zoom mode. Tap center button during zoom mode to enlarge the image by magnitudes of x2, x3 and original.
   Use [L], [⌝], [←], [⏯] o move the image in different directions.
6. Tap [←] while displaying image to move to preview screen(only when viewing the image in original size).
   Tap [←] while in preview screen to move to browser screen.

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+ Pictures (Image Viewer) Mode

※ Tap and hold ⏯ during image display to show pop-up containing the features below.

	All images saved in iAUDIO 9 will be displayed in slideshow mode. Tap ← to end slideshow	
	Currently displaying image will be saved as the wallpaper. (Only available in clock theme)	
		Saved as the wallpaper.

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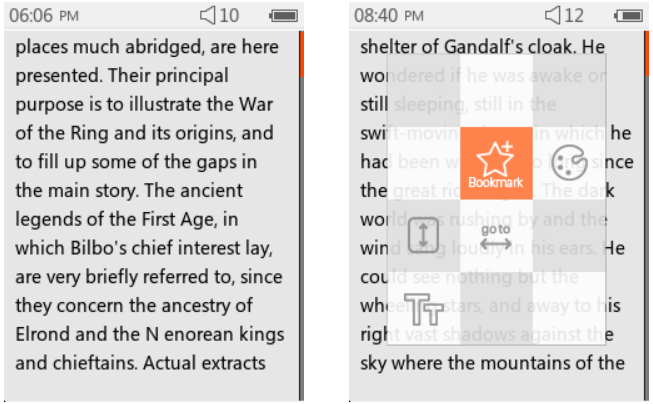
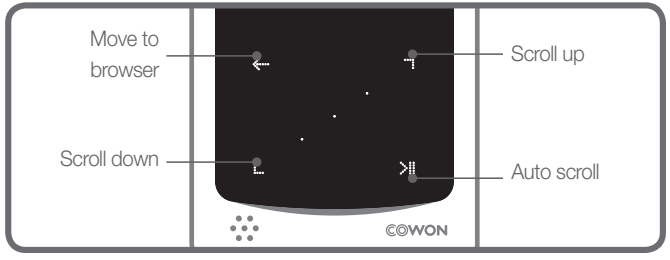
+ Documents (Text Viewer) Mode


06:06 PM
10
places much abridged, are here presented. Their principal purpose is to illustrate the War of the Ring and its origins, and to fill up some of the gaps in the main story. The ancient legends of the First Age, in which Bilbo's chief interest lay, are very briefly referred to, since they concern the ancestry of Elrond and the N enorean kings and chieftains. Actual extracts
08:40 PM
12
shelter of Gandalf's cloak. He
Bookmark
goto
sky where the mountains of the

1. After powering on iAUDIO 9, select Documents mode.
2. Tap L, ┐ to select desired text file and tap ▶|| button to display the text.
3. Tap ▶|| to begin Auto Scroll function.
4. Tap ← to change to browser screen. Tap and hold ← to change back to text.

※ Tap and hold ▶|| while in text browser to show pop-up containing the features below.



List	List of files will be displayed. In this mode, actual files can be deleted.
Bookmark	List of bookmarked files from Documents mode will be displayed. Bookmarked files can be selected and deleted. This only deletes bookmarked list, not the actual files,
✕	Click to delete.

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+ Documents (Text Viewer) Mode

※ Tap and hold ⏯ while in text browser to show pop-up containing the features below.

	Document file's background and text colors can be changed. Tap ◁, ▷ to select from 6 different colors.	
	Insert a bookmark.	
		Bookmark insertion completed. Bookmarked file can be opened from bookmark browser.
	Move to designated part of the text file.	
		Documents contents will be divided into 6 parts and displayed.

	Auto scroll speed can be set.	
		Auto scroll speed can be set from 3 to 20 seconds, in 5 steps. Tap ⏯ while the document file is open to start auto scroll.
	Documents font size can be set.	
		Documents font size can be set.

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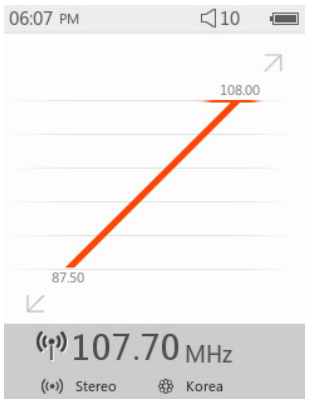
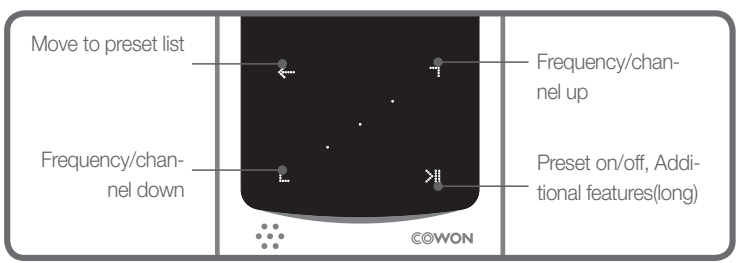
+ Radio (FM Radio) Mode





1 After powering on iAUDIO 9, select Radio mode.
The iAUDIO 9's earphones work as the FM Radio antenna.
The earphones must therefore be connected to the device in order for the radio to work.

2 Tap ⇐ during Radio mode to display preset list.
Tap ⇐ again to return to Radio mode screen.

3 Stored presets can be selected from preset list.

4 After selecting a preset channel from preset list, tap and hold ⏯ to show pop-up menu for adding/deleting presets.

	Desired frequency can be saved under preset channels with this function.
	Previously saved channel information can be deleted.

5 Radio channel will be displayed in two different modes as below.

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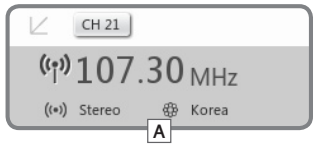
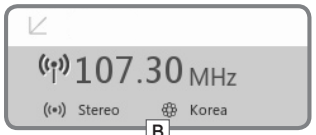
+ Radio (FM Radio) Mode





A [Seek by preset channels]

If the current preset channel is displayed, tap ㄴ, ㄱ to seek by preset channels. Seeking by frequency will not be supported in this mode.

B [Seek by frequency]

If the current preset channel is not displayed, tap ㄴ, ㄱ to seek by frequency in terms of 0.10 MHz. Tap and hold ㄴ, ㄱ to receive the nearest frequency for clear reception. Seeking by preset channels will not be supported in this mode.

[Notice] If FM region is set to Europe/China, frequency will be changed by 0.05MHz.

6 Tap ⏯ to switch between Seek by preset channels and Seek by frequency.

※ Tap and hold ⏯ while in radio mode to show pop-up containing the features below.

	Current radio broadcast will be recorded.	
		Recording will be performed in bps number specified in Settings. Tap ← to stop recording. Recorded files will be saved in WMA format under [Recordings]-[FM Radio].
	Auto scans the channels with strong FM frequency and register to preset channels.	
		To scan more channels with clearer reception, please make sure the earphones are connected, and check if the area is frequency shadow area.
	FM region can be selected.	
		FM region : Korea, Europe/China, Japan, and USA. Frequency bandwidth may be different by region, and Auto scan is recommended for clearer reception if region is changed.
	Stereo/mono can be selected.	
		Tap ⏯ to select stereo/mono.

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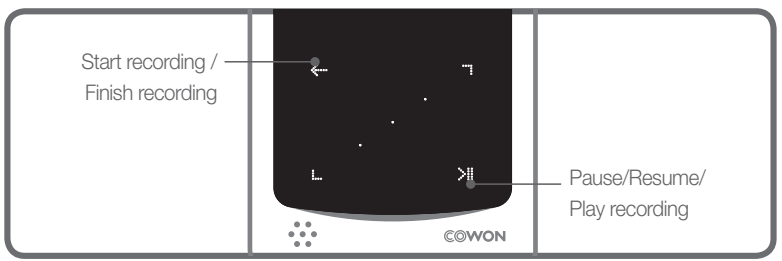
+ Recorder Mode



1. After powering on iAUDIO 9, select Recorder mode.
2. Tap ← to start recording
3. Tape icon below will change to red color when recording changes to stand-by status.

4. Tap ⏯ to pause recording. Tap ⏯ again to resume recording.
5. Tap ← to finish recording, and tape icon will turn to grey color.
6. Tap ⏯ while the tape icon is grey to play the recorded file.
7. The recorded files made using the built-in microphone are saved under [Recordings]-{Mic}.

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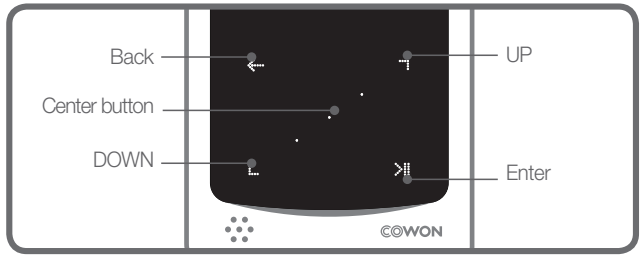
+ Recorder Mode

※ Tap and hold ▶II while in recording stand-by mode to show pop-up containing the features below.

BPS	Recording quality can be selected. Tap L, ┐ to select from 32K to 256K.
	Microphone volume for recording can be selected. Tap L, ┐ to select from 1 to 5. Higher number provides better recording quality.

+ Flash Mode



1. After powering on iAUDIO 9, select Flash mode.
2. Tap L, ┐ to select desired flash file and tap ▶II button to play.
3. Press M (side) to finish the flash file playback.
4. Flash contents must be optimized for iAUDIO 9 for proper playback.
5. Pop-up window in Flash browser will only have Delete function. If Delete function is deactivated, the files must be deleted from the actual folder which files are saved under.

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+ JetEffect 3.0

Select your sound effect from 39 JetEffect presets.

(Normal, BBE, BBE ViVA, BBE ViVA 2, BBE Mach3Bass, BBE MP, BBE Headphone, BBE Headphone 2, BBE Headphone 3, Rock, Jazz, Classic, Ballad, Pop, Club, Funk, Hip Hop, Techno, Blues, Metal, Dance, Rap, Wide, X-Bass, Hall, Vocal, Maestro, Feel the Wind, Mild Shore, Crystal Clear, Reverb Room, Reverb Club, Reverb Stage, Reverb Hall, Reverb Stadium, User 1, User 2, User 3, User 4)

4 user-defined presets with Equalizer, BBE+, Stereo Enhance, and Reverb adjustments.

BBE+ is the most sophisticated and powerful sound technology available for MP3 and PMP devices.
Optimized for headphone playback of compressed audio material, BBE+ brings listeners closer to the natural presence and impact of a “live performance” than ever before.

+ EQ Filter : Each band of the equalizer can be adjusted in detail.
+ BBE : Sound effect that refines the sound quality.
+ Mach3Bass : Provides deeper, tighter, and more musically accurate bass frequency.
+ 3D Surround : Provides the three-dimensional surround sound effect.
+ MP Enhance : Restores and enhances the harmonics lost through compression.
+ Stereo Enhance : Enriches the stereo sound.
+ Reverb: Maximizes natural and live presence of the sound

Excessive JetEffect 3.0 customization may cause the sound to be distorted or noisy.

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+ Display

Language	Select a preferred language for iAUDIO 9.
Font*	Set the iAUDIO 9 font type to your preferred font.
Time display	Set the time format for the currently playing file.
Wallpaper	Wallpaper can be designated from images.
Auto display off	Set the time which the display stays on.
Brightness	Set the display brightness.
Wallpaper	Set the TV-Out standard. NTSC : Korea / North America PAL : Europe

* Rename your True Type font file(.TTF) into USER.TTF, and copy to the SYSTEM folder. Select USER FONT from the menu to apply to the device.
Certain types of USER FONT may not be properly shown. It also may delay the device operation. Certain USER FONT types may not work properly in multi languages.

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+ Time

Time	Set the current time.
Alarm	Automatically turn on the device at the scheduled time. - Music alarm : play music - FM alarm : Start radio broadcast at the last tuned frequency. - FM record : record the last tuned frequency during the set time. - Off : disable alarm
Sleep timer	Automatically turn off the device after the specified time even if a file is being played at that time.
Auto off	Automatically turn off the device after the specified time if no action is taken. This feature does not operate during a file playback.

* Scheduled recording for FM Radio requires more battery power than usual.
Check the battery status before performing this function.

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+ Music

Skip interval	Set the skip interval(short : ,).
Scan interval	Set the scan interval for rewind / fast forward(long : ,).
Resume	Set to play the file from the previously played location.
Play speed	Set the playback speed.
Pitch correction	Compensate for the change of intonation of an audio signal when adjusting the playback speed in Music mode.
Fade in	Set the fade-in feature(gradually increase the volume when resuming to play a file).
Lyrics*	Turn on/off lyrics(if the lyrics are applied to the files).
Audible Navigation	Set skip preferences for rewind / fast forward when playing Audible contents(by section or file).

* If turned on, lyrics will be displayed during the playback.
For more information on lyrics application, check the LDB manager section at www.cowon.com.

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+ Video

Skip interval	Set the skip interval(short : ,).
Resume	Set to play the file from the previously played location.
Play speed	Set the playback speed.
Boundary	Set the playback boundary by files or folders.
Auto seek	Set to scan automatically until is tapped when scanning by rewind or fast forward.
Pitch correction	Compensate for the change of intonation of an audio signal when adjusting the playback speed in Video mode.
Subtitle	Turn on/off the subtitle display.

+ Recording

Mic quality*	Set the quality of built-in microphone recording(mono).
FM radio quality*	Set the FM Radio recording quality.
Mic volume	Set the volume level for Microphone recording.

* Higher BPS provides better recording quality but requires larger file size.

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+ System

Hold mode	Set to select hold state(hold all / use FF/REW button / use volume button).
Sleep mode*	State of reduced activity that requires only minimal power consumption, eliminating the time consumed for initial booting. Maximum standby time for sleep mode is approximately 175 hours.
Speaker	Set to select speaker state. - On : speaker out - Auto : earphone out if plugged. Speaker out if earphone is removed. - Off : earphone out
Beep	Set the button sound when tapping the touch pad.
Touch sensitivity	Set touch pad sensitivity by higher being more, and lower being less sensitive.
Audio L/R	Adjust the audio volume balance of left/right.
USB mode	Set the USB connection method. MSC will recognize the device as mass storage device. Set as MTP if using Windows Media Player (necessary when transferring WMA DRM files.)
Load defaults	Restore all settings to the factory default, except for the language setting.
information	Version : Current firmware version. Total space : Total capacity of internal memory. Free space : Remaining capacity of internal memory.

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*The battery capacity may reduce slightly as the sleep mode does consume power.
Turn the device off if you do not use it for extended period of time.

+ Product Specification

Hardware		
Video	Display	2.0” TFT LCD 320x240, QVGA (262,000 Colors)
Audio	Channel	Stereo
	Frequency Range	20Hz ~ 20KHz
	Max Output	30mW + 30mW (16 Ω earphones)
	S/N Ratio	95dB
Power	Built-in Battery	Built-in Rechargeable Lithium Polymer Battery
	Battery Charging	USB : 1 Hours 40 Minutes(5V/500mA)*
		Adapter: 1 Hour 40 Minutes(5V/500mA)
Capacity	Flash Memory	4GB/8GB/16GB. FAT32 file system.
Input Method	Touch Interface	Capacitive Touch Pad
USB Interface	USB Device	USB 2.0 High Speed
FM Radio	Frequency Range	87.5~108 MHz (KR,US,EU), 76~108 MHz (JP)
AV Out	Method	Video : Composite, Audio : Stereo
	Video Format	NTSC / PAL
Speaker	Built-in speaker(mono)	
Button	POWER/HOLD, MENU, VOL+, VOL-, Capacitive Touch Pad	

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+ Product Specification

General	Size	43mm (W) x 95mm (H) x 8.9mm (T)
	Weight	40g
	Operating Temperature	0℃ ~ 40℃
System Requirements	CPU	Pentium III 500MHz or higher
	OS	Windows Vista / XP / 2000 / ME
		MAC OS 10.X / Linux v2.4 or higher : file transfer only***
	USB Port	2.0 High Speed

* Battery charging time may differ depending on battery amount remaining and user's PC performance.

** Part of the disk space is used to store Operating System and system files.

*** It is recommended to format iAUDIO 9 as MS-DOS(FAT) when using MAC OS.

Specification & applications are subject to change without notice by firmware upgrades.		
Movie	File Format	AVI, WMV, ASF
	File Format	Xvid SP/ASP, WMV 7/8/9 (Some files may not be played properly depending on the video resolution, frame, bit rate and encoding option).
	Video Resolution	320 x 240
	Audio Codec	MPEG1 Layer 1/2/3, WMA
	Subtitle	SMI
	Playback time	7 hours

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+ Product Specification

Music	File Format	MP3/2, WMA, FLAC, OGG, APE, WAV
	Audio Codec	MP3 : MPEG 1/2/2.5 Layer 3, ~320Kbps, ~48KHz, Mono/Stereo WMA : ~320Kbps, ~48KHz, Mono/Stereo OGG : ~Q10, ~44.1KHz, Mono/Stereo FLAC : Compression Level 0 ~ 8, ~44.1KHz, Mono/Stereo WAV : ~48KHz, 16bit, Mono/Stereo APE : Fast, Normal, High, 16bit, Version 3.97 ~ 3.99
	META TAG	ID3 V1, ID3 V2.2/V2.3/V2.4,Vorbis Comment
	JetEffect 3.0	EQ / BBE+ / SE : 39 Presets (35 presets + 4 user presets)
	EQ	5 Band Equalizer (EQ Filter)
	BBE+	BBE, Mach3Bass, 3D Surround, MP Enhance
	Special Effect	Stereo Enhance, Reverb
	Lyrics	LDB 1.0, 2.0
	Playback time	29 hours
Recording	Built-in microphone & FM Radio recording. Format : WMA	
Photo	File Format	JPG
	File Format	No limit. (Progressive format: less than 1M pixel)
Document Viewer	File Format	TXT
	File Size	Unlimited (exception : UTF-8 Unicode (big endian))
ETC	Flashplayer	

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* Battery performance test was conducted based on the manufacturer's standard. Actual performance may differ.

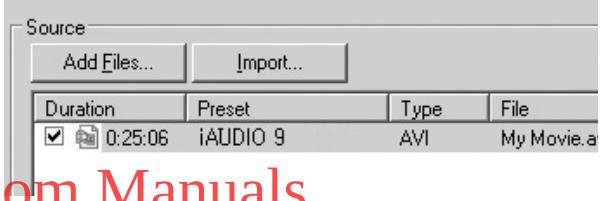
+ Converting Video Files Using COWON MediaCenter - JetAudio

1. Install and run the COWON MediaCenter - JetAudio.

2. Click “Convert” button on the top right hand side.
   From drop-down menu, select “Convert Video”.

3. From the Convert Video window, click “Add File” to select the files to convert.

4. Check the selected video files in the list.



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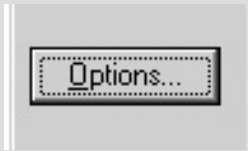
+ Converting Video Files Using COWON MediaCenter - JetAudio

5. After checking the target folder location to save the converted files and other settings, click on “Start” to start the video conversion process.

- Movie files that do not play properly on the product may need to be converted by COWON MediaCenter - JetAudio. Before doing so, please make sure that the movie files play properly on the PC first.
- Files already damaged before conversion may not work on iAUDIO 9 even if the conversion process is successful.
- Conversion time may vary depending on PC performance, source file size and codec types.
- “Preview” allows checking the converted video before starting conversion.
- To convert a file with subtitles or to change settings on subtitles, click on “Convert Options”.



- SMI files for subtitles must have the same file name as its video file. (e.g. iAUDIO_9.avi / iAUDIO_9.smi)

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+ Troubleshooting

+ I am still confused even after reading the manual.

COWON website(www.COWON.com) provides support for users of COWON products with FAQ (Frequently Asked Questions). Users are strongly encouraged to check out the website for further information regarding product usages and firmware upgrades. For individual inquiries, please contact us on-line as we will try to help you as best as we can.

+ I would like to set the device as factory default.

There are two choices when setting the device as factory default.
1. Connect the device to PC and format as FAT32 file system. Note that this procedure will erase the data in the device.
2. Delete the PARAM.CFG file in the System folder.

+ The player does not turn on.

If the battery is completely discharged, charge the battery before you start the player. The charging time may vary depending on the battery's discharge status. If the player does not work at all, press the RESET button on the rear side. For your information, RESET will just disconnect the power and does not damage the product or delete any files stored on the device.

+ The touch pad and buttons do not work properly.

Check if the power switch is positioned to HOLD.1

+ I can't hear any sound.

Check if the volume is set to "0". Check if there is any file available in the player. If there is no file in the player, you will not hear any sound. Please note that corrupted files will result in a noise or discontinued playback. Make sure the earphones are connected properly. Impurities in the earphone jack can cause a noise.

+ Files that I have stored do not appear in the list.

Each mode shows you a list of playable files only. To view all files that you have stored, select the Browser mode. Please note that System folder will not appear in the Browser.

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+ Troubleshooting

+ Album image is not displayed in Music Mode.

In order to display album image, the image has to be stored in the ID3 tag of the music file. You can edit the ID3 tags using COWON MediaCenter - JetAudio. A JPG image file with the same name as the relevant music file should be stored in the player. Alternatively, a JPG image file named “cover.jpg” can be stored in the relevant folder.

+ Video won’t play.

Movie files that do not play properly on the product may need to be converted by COWON MediaCenter - JetAudio.

+ FM Radio does not work.

The product’s earphones work as the FM Radio antenna. Straightening the earphone cable will result in better radio reception. FM Radio reception may be poor at locations where FM Radio transmissions are shielded. If FM Radio does not work where reception should be possible, please contact our service center.

+ There is too much noise in my recordings.

The product uses ultra-small internal microphone, so it may be more susceptible to noise during recordings. The microphone should not be covered with anything during recording.

+ Characters on the display are corrupted.

Set your preferred language again in Settings > Display > Language. If the problem persists, set the current font to the system font. COWON products are developed based on the Korean Windows OS, and this may cause corruption of some special fonts or languages on the display.

+ Computer cannot recognize the player when connected.

Try the RESET button in the back. If you experience a frequent disconnection or unstable connectivity, connect the player directly to the USB port of the PC, rather than a separate USB hub. As COWON products use the USB connection for the main power system, unstable power supply can cause a connection failure.

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+ Troubleshooting

+ Memory capacity of the player is different or smaller than specified.

The memory capacity indicated by Windows may be different from that indicated by the memory manufacturer. The actual capacity will be reduced from the original size because some space of the memory should be used as the system area for normal operation.

+ The player does not play properly when memory is full.

For the player to function properly, it requires at least 5 MB of space for saving settings and other system files.

+ PC connection is unstable.

Connect the player directly to the USB port of the PC. When connected to a laptop, try removing other connected USB hardware, or try connecting to PCMCIA USB host card.
Fully charge the product, or connect the product to the pc while charging with genuine COWON adapter.

+ Files do not appear in the product when files are transferred with a MAC computer.

Format the product as MS-DOS(FAT), and transfer the files.

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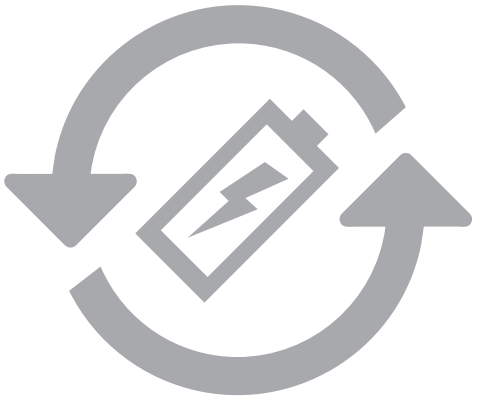
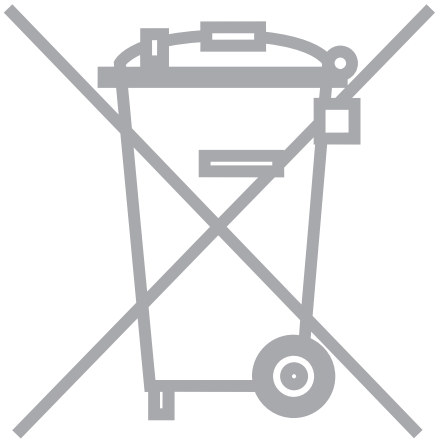
+ Battery Replacement



The rechargeable batteries have limited number of charge cycles, and it will require a replacement as capacity to hold power will eventually diminish.
The rechargeable batteries in COWON products should be replaced only by official COWON service centers. Please contact batteryreplace@cowon.com for more information on official COWON service centers.

+ Product Disposal



COWON products contain built-in rechargeable batteries, and must be separately disposed from household waste. Disposing the products with regular waste may cause pollution of environment due to the waste batteries inside. Contact your local authorities for specified locations/guidance of E-waste and waste batteries, and dispose them in compliance with local regulation/guidance.

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COWON SYSTEMS, Inc.

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